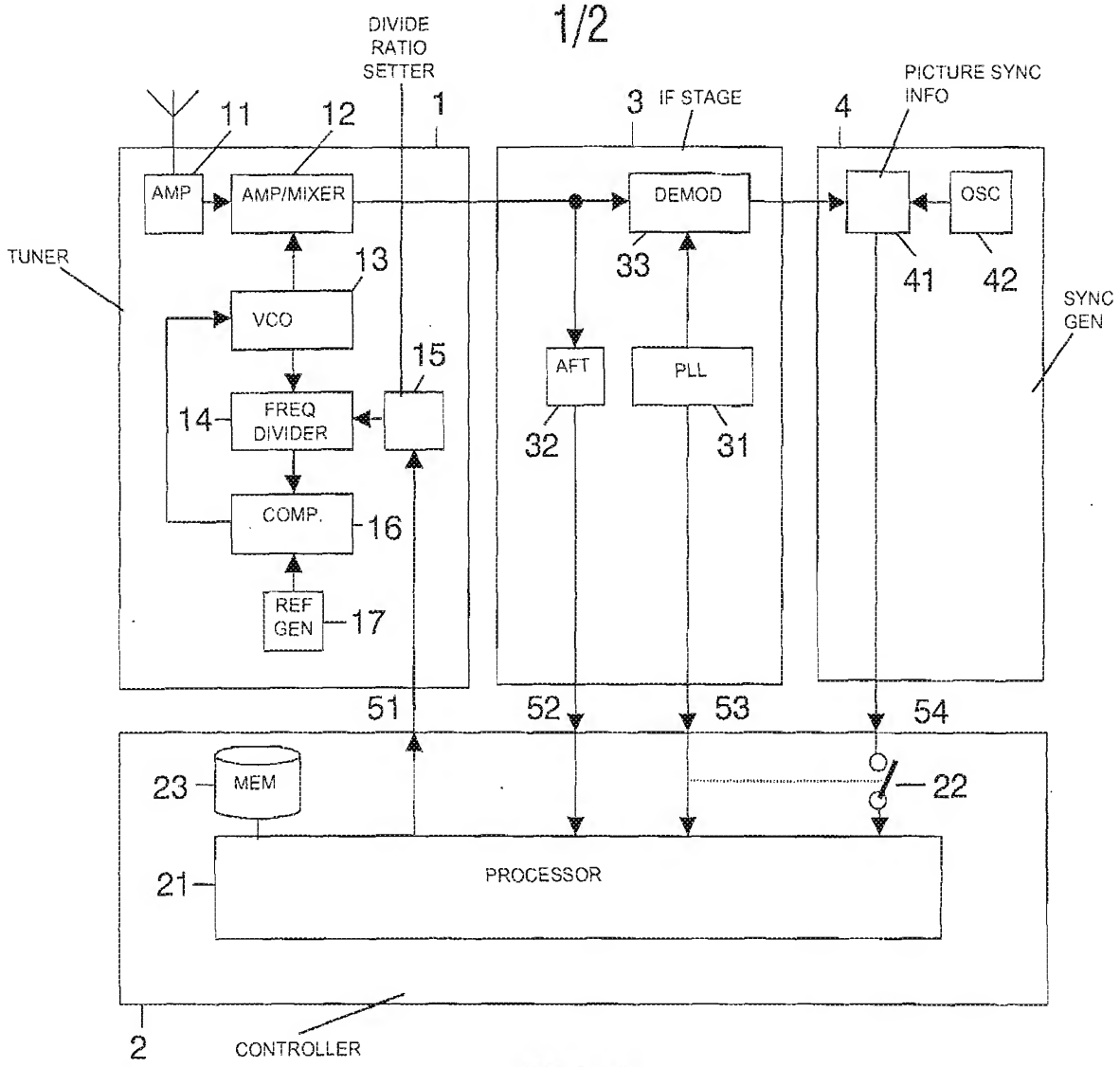
DIVIDE RATIO SETTER
1
11
12
3
IF STAGE
4
PICTURE SYNC INFO
AMP
AMP/MIXER
DEMOD
OSC
TUNER
13
33
41
42
SYNC GEN
VCO
15
AFT
PLL
14
FREQ DIVIDER
32
31
COMP.
16
REF GEN
17
51
52
53
54
23
MEM
22
21
PROCESSOR
2
CONTROLLER

FIG.1

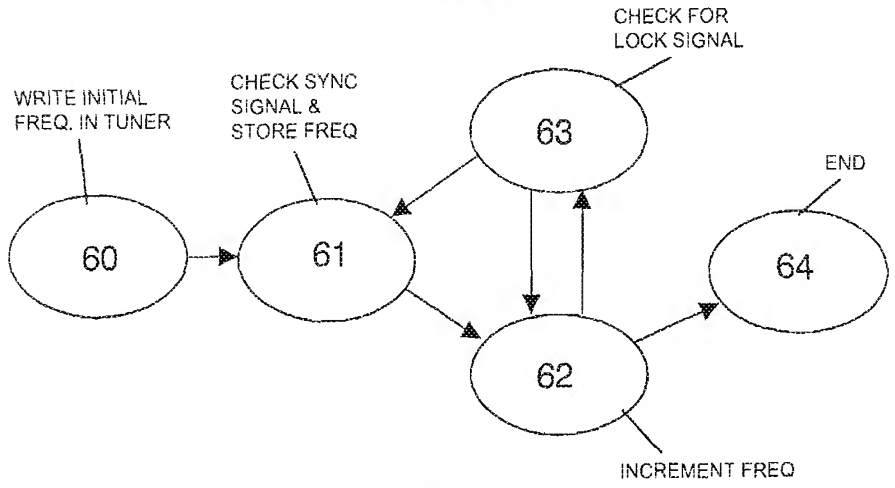
CHECK FOR LOCK SIGNAL
WRITE INITIAL FREQ. IN TUNER
CHECK SYNC SIGNAL & STORE FREQ
63
END
60
61
64
62
INCREMENT FREQ

FIG.2

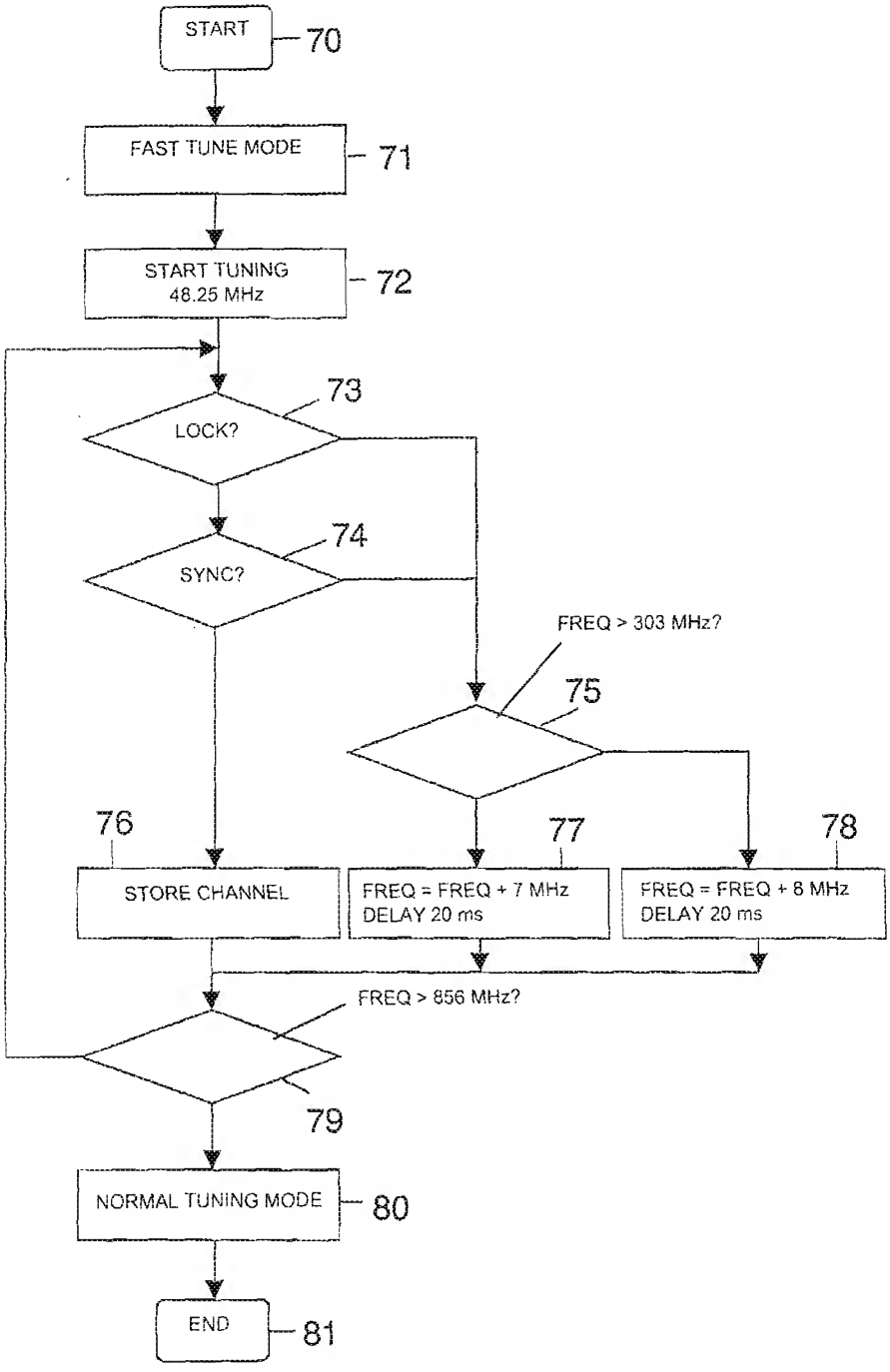
START
70
FAST TUNE MODE
71
START TUNING
48.25 MHz
72
73
LOCK?
74
SYNC?
FREQ > 303 MHz?
75
76
77
78
STORE CHANNEL
FREQ = FREQ + 7 MHz
DELAY 20 ms
FREQ = FREQ + 8 MHz
DELAY 20 ms
FREQ > 856 MHz?
79
NORMAL TUNING MODE
80
END
81

FIG.3